



Transfer Pathway Between El Camino College and University of Phoenix

Associate of Science Degree in Computer Information Systems – Cybersecurity (El Camino College)
2020-2021 Catalog Year to:
Bachelor of Science in Information Technology v010A (UOPX)

UOPX General Education and Elective Program Requirements

Bachelor of Science in Information Technology Degree Requirement	Recommended Courses	Institution	Credits Utilized
Communication Arts (6 credits) [Must Include 3 credits of College Composition]	ENGL 1A – or - ENGL 1AH*	El Camino	4
	Any three (3) units from Area 1: Group C listed on the IGETC that does not duplicate*	El Camino	2
Mathematics (6 credits) [Must Include 6 credits of Quantitative Reasoning, Statistics or College Algebra or higher]	MATH 130 College Algebra*	El Camino	3
	MATH 120 Liberal Arts Mathematics*	El Camino	3
Science and Technology (3 credits) [Must Include 3 credits in the Physical or Biological Sciences]	Any three (3) units from Area 5: Physical and Biological Sciences listed on the IGETC list that does not duplicate*	El Camino	3
Humanities (6 credits)	GEN/201 Foundations for University Success	UOPX	3
	Any three (3) units from Area 3: Humanities listed on the IGETC that does not duplicate*	El Camino	3
Social Science (6 credits)	Any six (6) units from Area 4: Social and Behavioral Sciences listed on the IGETC that does not duplicate*	El Camino	6
Liberal Arts (6 credits)	Any three (3) units from Area: 1: English Communication: Group B listed on the IGETC that does not duplicate*	El Camino	3
	Any three (3) units from Area 4: Social and Behavioral Sciences listed on the IGETC that does not duplicate*	El Camino	3
Interdisciplinary (12 credits)	Any three (3) units from Area 3: Arts and Humanities listed on the IGETC that does not duplicate*	El Camino	3
	Any three (3) units from Area 3: A. Arts listed on the IGETC that does not duplicate*	El Camino	3
	Any four (4) units from Area 5: Physical and Biological Sciences listed on the IGETC list that does not duplicate*	El Camino	3
	CIS 26 – or - CIS 28*	El Camino	3
Information Systems and Technology Electives (6 credits)++	CIS 122 Ethical Hacking*	El Camino	3
	CIS 120 Computer Forensics*	El Camino	3
Elective (18 credits)	<i>Lower Division Elective Credits Filled by Combined Credits From:</i>		
	Any three (3) units from Area 1: Group C listed on the IGETC that does not duplicate* (excess)	El Camino	1
	Any four (4) units from Area 5: Physical and Biological Sciences listed on the IGETC list that does not duplicate* (excess)	El Camino	1
	CIS 80 Database Programming** (excess)	El Camino	1
	CSCI 3 Object-Oriented Programming in Java** (excess)	El Camino	1
	Any College-level/Transferable coursework that does not duplicate**	El Camino	14

This transfer pathway guide used the following general education criteria: Intersegmental General Education Transfer Curriculum (IGETC)
 *Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate of Science Degree in Computer Information Systems – Cybersecurity from El Camino College.
 **Course recommended by UOPX outside of Associate degree requirements to reach transfer credit totals listed on pathway. Students may have other options to satisfy this course requirement at University of Phoenix. Students should consult an advisor at their respective institution if they would like to take courses outside of the recommended sequence.
 ++Information Systems and Technology coursework seeking to be used to satisfy the Information Systems and Technology elective category must have been completed within the past five (5) years from current program enrollment sign date to be eligible for transfer.



UOPX Course of Study Requirements

Bachelor of Science in Information Technology Degree Requirement	Recommended Courses	Institution	Credits
Information Systems Fundamentals+	<i>CIS 13 Computer Information Systems*</i>	El Camino	3
Cyber Domain+	<i>CIS 121 Cybersecurity Programming*</i>	El Camino	3
Foundations of Security+	<i>CIS 119 Introduction to Computer Security*</i>	El Camino	3
Algorithms and Logic for Computer Programming+	<i>CIS 16 Application Development and Programming Using Visual Basic.Net**</i>	El Camino	3
Object-Oriented Scripting Language+	<i>CSCI 3 Object-Oriented Programming in Java**</i>	El Camino	3
Infrastructure Administration+	<i>CIS 137 Computer Networking Fundamentals*</i>	El Camino	3
Data Programming Languages+	<i>CIS 80 Database Programming**</i>	El Camino	3
Fundamentals of Networking	NTC/362 Fundamentals of Networking	UOPX	3
Data Structures for Problem Solving	DAT/305 Data Structures for Problem Solving	UOPX	3
Fundamentals of Business Systems Development	BSA/375 Fundamentals of Business Systems Development	UOPX	3
Intro to Software Engineering	BSA/385 Intro to Software Engineering	UOPX	3
Project Planning & Implementation	CMGT/410 Project Planning & Implementation	UOPX	3
BSIT Capstone	BSA/425 BSIT Capstone	UOPX	3
Upper Division Information Systems and Technology Electives	Upper Division Information Systems and Technology Electives	UOPX	12

Institutional Credit Breakdown

Minimum Credits Required for Associate of Science Degree in Computer Information Systems – Cybersecurity	60 Credits
Credits Utilized from Associate of Science Degree in Computer Information Systems – Cybersecurity	62 Credits
Recommended Credits Outside AS Degree in Comp. Info. Systems – Cybersecurity to Maximize Transfer	25 Credits

Total Credits Required to Complete Bachelor’s Degree	120
Total El Camino College Applied Credits	87
Required University of Phoenix Credits (30 Upper Division)	33

+ Identifies lower division courses that can be waived using transfer coursework providing certain conditions are met upon admission to UOPX.

NOTE: This breakdown represents the recommended course sequence a student should pursue in order to transfer into University of Phoenix. This summary is an estimation of credits only based on the current catalog and degree program requirements. Actual credit may vary based on each individual student’s submission. Concentrations are reflected on the transcript only. All courses that apply to an associate’s degree transfer to the University of Phoenix with the exception of remedial or vocational courses. Courses must have received a grade of C- or higher to transfer.